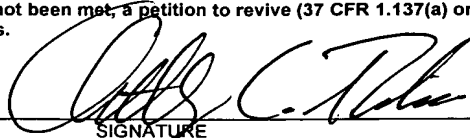


#4

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER: 07588.0081
INTERNATIONAL APPLICATION NO. PCT/GB04/04846	INTERNATIONAL FILING DATE November 17, 2004	U.S. APPLICATION NO. if known, see 37 CFR 1.5 10/522,528  PRIORITY DATE CLAIMED November 17, 2003
TITLE OF INVENTION THERAPEUTIC MICROFOAM		
APPLICANT(S) FOR DO/EO/US David Dakin Iorwerth WRIGHT et al.		
Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed with the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol>		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> Information Disclosure Statement under 37 CFR 1.97 and 1.98</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A Substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154 (d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> Copy of cover page of International Publication No.</li> <li>b. <input checked="" type="checkbox"/> Copy of Notification of Missing Requirements.</li> <li>c. <input type="checkbox"/></li> <li>d. <input type="checkbox"/></li> <li>e. <input type="checkbox"/></li> <li>f. <input type="checkbox"/></li> <li>g. <input type="checkbox"/></li> </ol> </li> </ol>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/522,528		INTERNATIONAL APPLICATION NO. PCT/GB04/04846		ATTORNEY'S DOCKET NUMBER 07588.0081	
The following fees have been submitted:				CALCULATIONS	PTO Use Only
21. <input checked="" type="checkbox"/> BASIC NATIONAL FEE (37 CFR 1.492(a)):				\$	
22. <input type="checkbox"/> Examination fee (37CFR 1.492(c))				\$	
If the Written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0					
All other situations ..... \$200					
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400					
All other situations ..... \$500					
<b>TOTAL of 21, 22 and 23 =</b>					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/50=		x \$250.00	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	- 20 =		x \$50.00	\$	
Independent Claims	-3 =		x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$130.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$130.00	
				Amount to be refunded:	\$
				charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>130.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p><b>SEND ALL CORRESPONDENCE TO:</b></p> <p>Finnegan, Henderson, Farabow, Garrett &amp; Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413</p> <p style="text-align: right;">               SIGNATURE              Anthony C. Tridico, Reg. No 45,958              NAME/REGISTRATION NUMBER           </p> <p>DATED: April 27, 2006</p>					

05/02/2006 ATRAM 00000125 10522520

05/02/2006

05/02/2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

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 United States Patent and Trademark Office  
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 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/522,528	David Dakin Iorwerth Wright	07588.0081

Finnegan Henderson Farabow  
 Garrett & Dunner  
 1300 I Street NW  
 Washington, DC 20005-3315

**RECEIVED**

FEB 03 2006

FINNEGAN, HENDERSON, FARABOW,  
 GARRETT & DUNNER, LLP

INTERNATIONAL APPLICATION NO.	
PCT/GB04/04846	
I.A. FILING DATE	PRIORITY DATE
11/17/2004	

CONFIRMATION NO. 7494

371 FORMALITIES LETTER



\*OC000000017955045\*

Date Mailed: 02/01/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/26/2005
- U.S. Basic National Fees filed on 01/26/2005
- Priority Documents filed on 01/26/2005
- Specification filed on 01/26/2005
- Claims filed on 01/26/2005
- Abstracts filed on 01/26/2005
- Drawings filed on 01/26/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

**BEST AVAILABLE COPY**

Docketed 2-3-06 Attorney BLD-act  
 Case 7588-81  
 Due Date 02-06-06  
 Action Next to each, 04  
 By BR

CATHERINE D SHORT

Telephone: (703) 308-9140 EXT 220

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/522,528	PCT/GB04/04846	07588.0081

FORM PCT/DO/EO/905 (371 Formalities Notice)

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## (WO/2005/048984) METHODS OF PREPARING A FOAM COMPRISING AN AGENT

[Biblio. Data](#) [Description](#) [Claims](#) [National Phase](#) [Notices](#) [Documents](#)

### Latest bibliographic data on file with the International Bureau

**Publication Number:** WO/2005/048984 **International Application No.:** PCT/GB200  
**Publication Date:** 02.06.2005 **International Filing Date:** 17.11.2004

**Int. Class.:** **A61K 9/12** (2006.01), **A61M 5/155** (2006.01), **A61M 5/19** (2006.01)

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**Agent:** **SIMPSON, Paul, Christopher**; BTG International Limited, 10 Fleet Place, London EC4M 7SB (GB).

**Priority Data:** 0326768.9 17.11.2003 GB  
60/542,867 10.02.2004 US  
60/542,866 10.02.2004 US  
0422307.9 07.10.2004 GB

**Title:** METHODS OF PREPARING A FOAM COMPRISING A SCLEROSING AGENT

**Abstract:** A therapeutic foam for the treatment of, inter alia, varicose veins comprises a foam comprising a physiological gas such as carbon dioxide, oxygen or a mixture thereof, the gas content of less than 0.8%. It may be generated using a pressurised canister or a mesh of micron dimensions through which the gas and sclerosing liquid are passed. Alternatively, the foam may be generated by passing gas and solution between two mesh. Techniques are described for minimising the amount of nitrogen in a product. A technique for generating and delivering foam simultaneously using

also disclosed.

**Designated States:** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CC, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, O, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, M, UG, ZM, ZW)  
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African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, G, NE, SN, TD, TG).

**Publication Language:** English (EN)

**Filing Language:** English (EN)